INTERNATIONAL SEARCH REPORT

International application No.

			FC1/0303/17093		
A. CLASSIFICATION OF SUBJECT MATTER					
IPC(7) : B66B 5/28, 7/00					
US CL : 187/344, 412					
According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED					
Minimum documentation searched (classification system followed by classification symbols)					
U.S. : 187/344, 342, 411, 412, 413, 414					
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched					
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)					
C. DOCUMENTS CONSIDERED TO BE RELEVANT					
Category * Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No.					
A	US 4,664,229 A (OBST) 12 May 1987, see Figure 1.			1	
n	05 4,004,225 A (OBS1) 12 Way 1967, see Figure 1.			1	
` A	US 6,499,566 B2 (ACH) 31 December 2002, see Figures 1 and 2.			1	
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A	US 5,255,759 A (KASAI et al.) 26 October 1993, Figure 1.			· 1	
A	US 5,513,724 A (DE JONG) 07 May 1996, see Figures 1-4 and abstract.			1-19	
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Further documents are listed in the continuation of Box C. See patent family annex.					
* Special categories of cited documents: "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand to					
	t defining the general state of the art which is not considered to be	prin	ciple or theory underlying the inve	ention	
	ılar relevance	"X" doct	ument of particular relevance; the	claimed invention cannot be	
"E" earlier application or patent published on or after the international filing date considered novel or cannot be considered to involve an inventive				red to involve an inventive step	
	t which may throw doubts on priority claim(s) or which is cited to		n the document is taken alone		
establish specified)	the publication date of another citation or other special reason (as	"Y" doct	ment of particular relevance; the	claimed invention cannot be	
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"O" document	t referring to an oral disclosure, use, exhibition or other means		g obvious to a person skilled in th		
	published prior to the international filing date but later than the	"&" docu	ument member of the same patent	family	
priority date claimed					
Date of the actual completion of the international search			Date of mailing of the international search report		
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